

## SECTION 3 CERTIFICATION

3.1 Certification Program. The Commanding Officer is responsible for ensuring safety within the activity. He/She shall designate the certifying official(s) who shall ensure the activity's cranes are inspected, tested, and certified in accordance with this section. Certifications shall be based on the condition inspection and load test as prescribed herein. It is the purpose of the condition inspection to ensure that the overall structural, mechanical, and electrical components of the equipment have been maintained in a safe and serviceable condition and are functioning properly. It is the purpose of the load test to ensure by controlled operation with prescribed test loads that the equipment is capable of safely lifting and moving the rated load through all design motions. These inspections and tests shall be performed by technically competent inspection and test personnel under the direction of a designated test director. Upon successful completion of the condition inspection and load test, a Certification of Load Test and Condition Inspection shall be signed by the test director, inspection personnel, and the certifying official.

3.2 Designation of Certification Personnel. The certifying official(s), including alternates, shall be designated in writing by the Commanding Officer of the activity. The certifying official shall, in turn, designate in writing the authorized test directors and condition inspectors involved in the certification process.

3.3 Certification Action. The Certification of Load Test and Condition Inspection form shall be similar to that shown in figure 3-1. For mobile cranes, if sufficient space is unavailable to show all test loads and configurations, an attachment shall be provided similar to figure 3-2. A card or tag with the crane identification number, certified capacity, and the certification expiration date, shall be posted in a conspicuous location on or near the crane. The certification expiration date shall be one day prior to the anniversary date of the annual certification. The crane may remain in service on the expiration date. For example, if the crane is certified 30 June, the expiration date shall be 29 June of the following year. The date of the certifying official's signature is the official certification date, from which the certification expiration date is determined. The crane shall not be returned to service prior to obtaining the certifying official's signature except as provided in paragraph 3.5.4. The certifying official shall withhold certification pending the correction of all inspection deficiencies existing after the load test that, in his/her judgment, could cause unsafe conditions.

### 3.4 Certification Requirements

3.4.1 Annual Certification. The certification is valid for one year from the date of signature of the certifying official. A crane shall not be used in service without a valid certification. The certification process shall include a condition inspection and appropriate tests. For category 1, 2, and 4 cranes, the annual tests shall include a load test. Category 3 cranes shall be inspected, operationally tested (without load), and certified annually, however, a load test shall be performed at every second annual